

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|   |                               |  |
|---|-------------------------------|--|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b> | <b>Attorney Docket No.</b>    | 21757-0002   |
|   | <b>First Inventor</b>         | CHVERCHKO et al.   |
|   | <b>Title</b>                  | HINGED TONNEAU COVER FOR<br>TRANSPORTING A SIGNIFICANT TOP<br>LOAD |
|   | <b>Express Mail Label No.</b> | eu 335113068 US  |

03945 U.S. PTO  
10/644402

08/20/03

|  |   |
|--|---|
| <b>APPLICATION ELEMENTS</b><br><i>See MPEP chapter 600 concerning utility patent application contents.</i> | <b>ADDRESS TO:</b><br>Mail Stop Patent Application<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria VA 22313-1450 |
|--|---|

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 20]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
5. Oath or Declaration [Total Sheets 1]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
name in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ Paper
  - c. ☐ Statements verifying identity of above copies

#### ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☒ Other: Certificate of Express Mailing

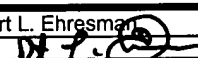
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: .....

Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

#### 19. CORRESPONDENCE ADDRESS

|  |   |                                   |                 |
|--|---|-----------------------------------|-----------------|
| <input checked="" type="checkbox"/> Customer Number: 26587 | <b>OR</b> <input type="checkbox"/> Correspondence address below                     |                                   |                 |
| Name   |   |                                   |                 |
| Address  |   |                                   |                 |
| City   | State   | Zip Code                          |                 |
| Country  | Telephone   | Fax                               |                 |
| Name (Print/Type)  | Kurt L. Ehresman  | Registration No. (Attorney Agent) | 50,758          |
| Signature  |  | Date                              | August 20, 2003 |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27


TOTAL AMOUNT OF PAYMENT (\$ 750

## Complete if Known

|                      |                  |
|----------------------|------------------|
| Application Number   |                  |
| Filing Date          | August 20, 2003  |
| First Named Inventor | CHVERCHKO et al. |
| Examiner Name        | unknown          |
| Group / Art Unit     | unknown          |
| Attorney Docket No.  | 21757-0002       |

| METHOD OF PAYMENT (check all that apply)  |              | FEE CALCULATION (continued)   |              |  |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
|---|--------------|---|--------------|--|--------------|-----------------|----------|-----------------|----------|------|-----|--------------------|-----|-------------------------------------|-----|------|-----|-------------------|----|---|-----|------|-----|------------------|-----|---------------------------|-----|------|-------|--------------------|-------|--|-----|------|------|------------------------|------|--|--|------|--------|------|---------|--|--|--------------|--------------|----------|----------|--|----------|------|-----|------|-----|---|--|------|-----|------|-----|--|--|------|-------|------|-----|---|--|------|-------|------|-----|--|--|------|-----|------|-----|--|--|--------------|-----|------|-----|--|-------|------|-----|------|-----|--------------------------|--|------|-------|------|-------|---|--|------|-----|------|----|----------------------------------|--|------|-------|------|-----|------------------------------------|--|------|-------|------|-----|--------------------------------|--|------|-----|------|-----|------------------|--|------|-----|------|-----|-----------------|--|------|-----|------|-----|-------------------------------|--|------|----|------|----|--------------------------------------|--|------|-----|------|-----|---|--|------|----|------|----|--|--|------|-----|------|-----|---|--|------|-----|------|-----|--|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|---------------------------|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--------------|--|--|--|--|-------|
| <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None<br>Order  |              | <b>3. ADDITIONAL FEES</b>   |              |  |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| <input checked="" type="checkbox"/> Deposit Account:<br>Deposit Account Number: 50-1059<br>Deposit Account Name: McNees Wallace & Nurick LLC  |              | <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet.</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>410</td> <td>2252</td> <td>205</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>930</td> <td>2253</td> <td>465</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1,450</td> <td>2254</td> <td>725</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>1,970</td> <td>2255</td> <td>985</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>320</td> <td>2401</td> <td>160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>320</td> <td>2402</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>280</td> <td>2403</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1453</td> <td>1,300</td> <td>2453</td> <td>650</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1501</td> <td>1,300</td> <td>2501</td> <td>650</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>1502</td> <td>470</td> <td>2502</td> <td>235</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>1503</td> <td>630</td> <td>2503</td> <td>315</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17 (q)</td> <td></td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>1809</td> <td>750</td> <td>2809</td> <td>375</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>1810</td> <td>750</td> <td>2810</td> <td>375</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>1801</td> <td>750</td> <td>2801</td> <td>375</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="6">Other fee (specify) _____</td> </tr> <tr> <td colspan="6">*Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="5">SUBTOTAL (3)</td> <td>(\$ 0</td> </tr> </tbody> </table> |              | Large Entity   | Small Entity | Fee Code        | Fee (\$) | Fee Description | Fee Paid | 1051 | 130 | 2051               | 65  | Surcharge - late filing fee or oath |     | 1052 | 50  | 2052              | 25 | Surcharge - late provisional filing fee or cover sheet. |     | 1053 | 130 | 1053             | 130 | Non-English specification |     | 1812 | 2,520 | 1812               | 2,520 | For filing a request for reexamination |     | 1804 | 920* | 1804                   | 920* | Requesting publication of SIR prior to Examiner action |  | 1805 | 1,840* | 1805 | 1,840*  | Requesting publication of SIR after Examiner action  |  | 1251         | 110          | 2251     | 55       | Extension for reply within first month |          | 1252 | 410 | 2252 | 205 | Extension for reply within second month |  | 1253 | 930 | 2253 | 465 | Extension for reply within third month |  | 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month |  | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month             |  | 1401 | 320 | 2401 | 160 | Notice of Appeal   |  | 1402         | 320 | 2402 | 160 | Filing a brief in support of an appeal |       | 1403 | 280 | 2403 | 140 | Request for oral hearing |  | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding |  | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable |  | 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional |  | 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) |  | 1502 | 470 | 2502 | 235 | Design issue fee |  | 1503 | 630 | 2503 | 315 | Plant issue fee |  | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |  | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17 (q) |  | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt |  | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |  | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR § 1.129(b)) |  | 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) |  | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |  | Other fee (specify) _____ |  |  |  |  |  | *Reduced by Basic Filing Fee Paid |  |  |  |  |  | SUBTOTAL (3) |  |  |  |  | (\$ 0 |
| Large Entity  | Small Entity | Fee Code  | Fee (\$)     | Fee Description  | Fee Paid     |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1051  | 130          | 2051  | 65           | Surcharge - late filing fee or oath  |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1052  | 50           | 2052  | 25           | Surcharge - late provisional filing fee or cover sheet.                    |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1053  | 130          | 1053  | 130          | Non-English specification  |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1812  | 2,520        | 1812  | 2,520        | For filing a request for reexamination                                     |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1804  | 920*         | 1804  | 920*         | Requesting publication of SIR prior to Examiner action                     |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1805  | 1,840*       | 1805  | 1,840*       | Requesting publication of SIR after Examiner action                        |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1251  | 110          | 2251  | 55           | Extension for reply within first month                                     |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1252  | 410          | 2252  | 205          | Extension for reply within second month                                    |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1253  | 930          | 2253  | 465          | Extension for reply within third month                                     |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1254  | 1,450        | 2254  | 725          | Extension for reply within fourth month                                    |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1255  | 1,970        | 2255  | 985          | Extension for reply within fifth month                                     |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1401  | 320          | 2401  | 160          | Notice of Appeal   |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1402  | 320          | 2402  | 160          | Filing a brief in support of an appeal                                     |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1403  | 280          | 2403  | 140          | Request for oral hearing   |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1451  | 1,510        | 1451  | 1,510        | Petition to institute a public use proceeding                              |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1452  | 110          | 2452  | 55           | Petition to revive - unavoidable   |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1453  | 1,300        | 2453  | 650          | Petition to revive - unintentional   |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1501  | 1,300        | 2501  | 650          | Utility issue fee (or reissue)   |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1502  | 470          | 2502  | 235          | Design issue fee   |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1503  | 630          | 2503  | 315          | Plant issue fee  |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1460  | 130          | 1460  | 130          | Petitions to the Commissioner  |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1807  | 50           | 1807  | 50           | Processing fee under 37 CFR 1.17 (q)                                       |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1806  | 180          | 1806  | 180          | Submission of Information Disclosure Stmt                                  |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 8021  | 40           | 8021  | 40           | Recording each patent assignment per property (times number of properties) |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1809  | 750          | 2809  | 375          | Filing a submission after final rejection (37 CFR § 1.129(a))              |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1810  | 750          | 2810  | 375          | For each additional invention to be examined (37 CFR § 1.129(b))           |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1801  | 750          | 2801  | 375          | Request for Continued Examination (RCE)                                    |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1802  | 900          | 1802  | 900          | Request for expedited examination of a design application                  |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| Other fee (specify) _____   |              |   |              |  |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| *Reduced by Basic Filing Fee Paid   |              |   |              |  |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| SUBTOTAL (3)  |              |   |              |  | (\$ 0        |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| <b>1. BASIC FILING FEE</b><br><table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>750</td> <td>2001</td> <td>375</td> <td>Utility filing fee</td> <td>750</td> </tr> <tr> <td>1002</td> <td>330</td> <td>2002</td> <td>165</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>1003</td> <td>520</td> <td>2003</td> <td>260</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004</td> <td>750</td> <td>2004</td> <td>375</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5">SUBTOTAL (1)</td> <td>(\$ 750</td> </tr> </tbody> </table> |              | Large Entity  | Small Entity | Fee Code   | Fee (\$)     | Fee Description | Fee Paid | 1001            | 750      | 2001 | 375 | Utility filing fee | 750 | 1002                                | 330 | 2002 | 165 | Design filing fee |    | 1003  | 520 | 2003 | 260 | Plant filing fee |     | 1004                      | 750 | 2004 | 375   | Reissue filing fee |       | 1005                                   | 160 | 2005 | 80   | Provisional filing fee |      | SUBTOTAL (1)   |  |      |        |      | (\$ 750 | <b>2. EXTRA CLAIM FEES</b><br><table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201</td> <td>84</td> <td>2201</td> <td>42</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203</td> <td>280</td> <td>2203</td> <td>140</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>1204</td> <td>84</td> <td>2204</td> <td>42</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5">SUBTOTAL (2)</td> <td>(\$ 0</td> </tr> </tbody> </table> |  | Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description                        | Fee Paid | 1202 | 18  | 2202 | 9   | Claims in excess of 20                  |  | 1201 | 84  | 2201 | 42  | Independent claims in excess of 3      |  | 1203 | 280   | 2203 | 140 | Multiple dependent claim, if not paid   |  | 1204 | 84    | 2204 | 42  | ** Reissue independent claims over original patent |  | 1205 | 18  | 2205 | 9   | ** Reissue claims in excess of 20 and over original patent |  | SUBTOTAL (2) |     |      |     |  | (\$ 0 |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| Large Entity  | Small Entity | Fee Code  | Fee (\$)     | Fee Description  | Fee Paid     |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1001  | 750          | 2001  | 375          | Utility filing fee   | 750          |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1002  | 330          | 2002  | 165          | Design filing fee  |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1003  | 520          | 2003  | 260          | Plant filing fee   |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1004  | 750          | 2004  | 375          | Reissue filing fee   |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1005  | 160          | 2005  | 80           | Provisional filing fee   |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| SUBTOTAL (1)  |              |   |              |  | (\$ 750      |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| Large Entity  | Small Entity | Fee Code  | Fee (\$)     | Fee Description  | Fee Paid     |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1202  | 18           | 2202  | 9            | Claims in excess of 20   |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1201  | 84           | 2201  | 42           | Independent claims in excess of 3  |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1203  | 280          | 2203  | 140          | Multiple dependent claim, if not paid                                      |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1204  | 84           | 2204  | 42           | ** Reissue independent claims over original patent                         |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| 1205  | 18           | 2205  | 9            | ** Reissue claims in excess of 20 and over original patent                 |              |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |
| SUBTOTAL (2)  |              |   |              |  | (\$ 0        |                 |          |                 |          |      |     |                    |     |                                     |     |      |     |                   |    |   |     |      |     |                  |     |                           |     |      |       |                    |       |  |     |      |      |                        |      |  |  |      |        |      |         |  |  |              |              |          |          |  |          |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |  |  |              |     |      |     |  |       |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |  |  |              |  |  |  |  |       |

\*\*or number previously paid, if greater; For Reissues, see above

| SUBMITTED BY      |   | Complete (if applicable)         |                 |           |              |
|-------------------|---|----------------------------------|-----------------|-----------|--------------|
| Name (Print/Type) | Kurt L. Ehresman  | Registration No. Attorney/Agent) | 50,758          | Telephone | 717-237-5458 |
| Signature         |  | Date                             | August 20, 2003 |           |              |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

## **CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. 1.10**

I hereby certify that the following documents are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 C.F.R. 1.10 on the date indicated below, Express Mail Label Number **EU 335113068 US**, dated August 20, 2003 and addressed to:

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

1. Return Acknowledgment Postcard
2. Utility Patent Application Cover Sheet
3. Fee Transmittal Form
4. Patent Application (20 Pages)
5. Drawings (7 sheets)
6. Declaration (1 copy of executed original, 1 page)
7. Application Data Sheet
8. Power of Attorney (1 copy of executed original, 2 pages)
9. Information Disclosure Statement
10. PTO/SB/08

By: (Type signature) Lindsay Vican

Written Signature:

Date: August 20, 2003

A handwritten signature in cursive script, appearing to read "Lindsay Vican", written over a horizontal line.